

Water chemistry 2005

Sample	Lake	OH mg/l	CO ₃ (mg/l)	HCO ₃ (mg/l)	Cl mg/l	SO ₄ (mg/l)	NO ₃ (mg/l)	Ca (mg/l)	Na (mg/l)	Mg (mg/l)	K (mg/l)
1	Sayin Wusu East	-	405.7	879.5	8,423.0	7,391.5					
2	Sayin Wusu East	-	460.0	693.2	7,321.6	6,357.6					
3	Sayin Wusu East	-	524.0	577.7	39,086.2	35,344.8					
4	Sayin Wusu East	-	428.7	790.0	7,442.1	6,585.8					
5	Sayin Wusu East	-	298.6	793.9	7,550.2	6,933.6					
6	Sayin Wusu East	-	436.4	836.7	7,797.9	6,829.7					
11	Sayin Wusu West	-	563.9	572.9	6,127.2	4,457.9		45.3	5,203.5	749.3	363.4
12	Sayin Wusu West	-	426.9	611.5	6,482.2	4,955.0	8.7	37.7	5,615.6	752.7	383.5
13	Sayin Wusu West	-	460.3	559.1	6,754.6	4,950.0	18.6	39.0	5,288.4	754.4	369.7
14	Sayin Wusu West	-	454.6	600.2	6,562.1	5,112.4		42.3	5,441.3	760.1	378.6
15	Sayin Wusu West	-	458.5	453.8	6,500.0	4,130.6		43.8	5,472.4	783.4	391.1
16	Mirror	-	10,056.7	1,202.9	15,236.2	22,507.8					
17	Badan East	-	0.0	396.9	378.2	222.1		34.2	416.5	52.2	23.7
18	Badan East	-	0.0	402.6	382.6	198.2		32.1	399.1	49.1	22.8
19	Badan East	-	61.2	338.6	380.0	189.8		31.2	420.2	49.3	24.1
20	Badan East	-	0.0	439.5				32.3	406.6	48.7	23.0
21	Badan Pond	-	40,630.0	12,329.3	83,900.4	131,498.4		15.9	117,645.8	0.6	14,875.5
22	Badan Red	-			196,389.2	57,638.6		17.6	124,917.0	0.6	10,383.7
23	Salar Wusu	-	1,057.9	494.5	5,644.8	4,811.0		13.2	4,863.6	469.2	319.5
24	Salar Wusu	-	655.0	613.5	5,635.3	4,771.5		13.1	4,902.8	489.4	319.1
25	Badan West	-	47,755.7	4,975.4	61,293.6	50,103.0		4.6	121,029.0	252.3	5,439.1
26	Badan West	-	32,966.5	2,597.1	52,803.8	46,291.6		17.4	70,918.4	6.6	2,757.8
28	Salar Wusu East	-	6,211.5	1,900.0	249,588.8	96,146.6		17.3	133,455.7	59.5	15,276.0
29	Nuoeru South	-						564.9	36,161.2	5,099.9	2,080.4
30	Duolic Jaran West	-	232.9	134.0	882.1	956.7		66.1	1,211.3	1.6	33.0
31	Duolic Jaran West	-	0.0	334.7	744.5	776.6		34.7	744.0	27.6	16.3
32	Duolic Jaran East	-	0.0	396.9	454.7	439.5		17.9	522.1	67.4	33.4
33	Duolic Jaran East	-			366.1	422.3		38.6	361.8	44.9	21.0
34	Suhaitu	-	1,236.9	355.4	28,558.0	45,472.0		74.9	31,197.7	1,123.6	1,116.7
35	Suhaitu	-			284,606.8	108,253.8		15.7	124,638.9	0.6	11,436.5
36	Badan West	-	35,010.1	4,579.0	49,890.4	42,149.2	160.4	16.8	67,745.3	0.6	2,550.4
37	Badan West	-	37,322.5	1,982.0				17.8	66,436.9	2.6	2,496.6
38	Badan East	-	0.0	454.2	377.4	221.6		37.6	403.4	50.4	23.4
39	Lexiketu	-	0.0	171.2	313.8	335.4		25.9	277.4	44.0	16.7
40	Lexiketu	-	0.0	210.6	184.6	192.1		31.1	386.6	42.3	32.1
41	Lexiketu	-	0.0	179.0	306.8	292.2		33.5	288.5	41.6	17.3
42	Lexiketu	-	0.0	236.5	281.0	282.9		49.7	222.0	41.1	13.4
42A	Lexiketu	-	0.0	213.3							
43	Lexiketu	-	0.0	219.8	292.4	302.4		38.6	289.1	41.3	16.6
44	Baoritalegai South	-	0.0	118.9	500.9	424.5		29.5	341.5	50.2	17.1
45	Baoritalegai South	-	0.0	249.1	1,210.9	894.8	4.6	65.1	1,010.1	96.6	41.7
46	Baoritalegai South	-	107.2	23.3	305.1	255.4		47.1	418.5	0.6	28.7
47	Baoritalegai South	-	0.0	119.9	479.3	413.3		47.9	699.5	0.6	19.4
48	Baoritalegai South	-	0.0	107.9	494.9	399.1		44.8	498.2	0.6	16.6
49	Baoritalegai South	-	0.0	124.8	445.4	369.3		46.7	496.5	0.6	15.4
49A	Baoritalegai South	-	0.0	137.7							
50	Baoritalegai South	-	0.0	105.1	453.8	377.6		43.6	406.2	0.6	3.5

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50A	Baoritalegai South	-	0.0	116.7			46.4	425.3	0.6	8.9	
51	Baoritalegai South	-	0.0	124.5	435.4	405.9	47.2	458.7	0.6	9.2	
52	Baoritalegai North	-	0.0	124.5	536.6	601.0	37.6	521.1	36.5	33.4	
53	Baoritalegai North	-	0.0	186.8	549.9	601.9	37.6	514.2	36.5	32.7	
54	Baoritalegai North	-	0.0	182.9	541.1	586.7	38.6	610.4	36.4	44.4	
55	South Lake	-	0.0	187.9	637.8	537.4	42.6	668.7	5.6	34.9	
56	South Lake	-	0.0	179.0	667.6	522.4	44.5	607.7	6.5	28.9	
57	South Lake	-	0.0	158.3	420.5	316.2	52.5	408.6	0.6	10.5	
58	Sumujilin South	-	29,067.5	1,489.9	55,184.6	16,331.0					
59	Sumujilin South	-	30,223.7	656.1	54,335.4	16,239.6	15.6	45,147.4	0.6	4,410.9	
60	Sumujilin South	-	28,341.5	1,831.6	40,287.8	11,722.2	16.6	43,129.3	0.6	4,316.8	
61	Sumujilin South	-	29,793.5	1,995.6	47,084.8	13,905.4	16.6	40,537.3	0.6	3,992.9	
62	Sumujilin South	4,479.8	0.0	0.0	52,216.6	15,630.8	16.6	44,910.2	0.6	4,408.8	
63	Sumujilin South	-	29,470.8	2,897.8	40,500.2	11,808.2	17.6	44,178.3	0.6	4,416.0	
64	Sumujilin South	-	28,126.4	3,526.6	56,033.2	16,288.2	15.6	43,432.9	0.6	4,318.5	
65	Badain Jaran Lake	350.5	37,860.3	0.0	45,951.0	29,302.0	3.9	55,906.6	46.4	4,409.3	
66	Badain Jaran Lake	-	38,129.2	792.8	50,325.4	31,977.2	4.1	60,219.6	53.9	4,681.2	
67	Badain Jaran Lake	-	40,710.6	984.2	61,803.2	39,051.2	16.7	63,469.5	0.6	4,509.5	
67A	Badain Jaran Lake	1,714.2	41,409.7	0.0	48,745.6	36,209.0	3.8	54,311.9	37.6	4,175.5	
68	Badain Jaran Lake	-	38,290.6	2,870.4	59,129.4	38,092.8	4.0	55,153.3	45.2	4,270.7	
69	Xiaohaizi	-	23,716.5	136.7			16.7	73,753.7	0.6	12,503.0	
70	Yindeertu	-	40,441.7	7,791.2	88,323.4	29,260.4	3.6	79,068.9	53.6	8,906.4	
71	Yindeertu	-	43,856.7	587.8	107,731.2	34,962.2	15.7	74,518.4	0.6	7,663.2	
71A	Yindeertu	-			88,520.4	74,605.8	16.7	88,827.5	0.6	6,625.4	
72	Yindeertu	-	39,258.6	6,889.1	107,508.6	34,718.2	15.7	73,356.9	0.6	7,640.5	
73	Yindeertu	-	41,302.2	2,241.7	107,817.0	34,139.8	15.7	73,242.6	0.6	7,629.3	
74	Yindeertu	-	41,947.5	1,859.0	107,847.8	35,271.4	15.7	65,935.0	0.6	6,908.8	
74A	Yindeertu	-	44,636.5	5,248.8	112,286.4	41,693.4	15.7	90,443.8	0.6	9,138.6	
75	Huhe Jaran	-	26,513.0	2,952.5	28,153.2	11,452.6	4.7	35,999.2	73.6	3,699.0	
75A	Huhe Jaran	-			39,703.6	15,294.4					
76	Huhe Jaran	-	28,018.8	355.4	34,326.0	13,269.4	4.6	34,204.2	68.4	3,574.6	
76A	Huhe Jaran	-	28,018.8	355.4	39,078.0	15,012.0					
77	Huhe Jaran	-	25,598.8	2,706.4			4.6	34,467.2	69.6	3,536.7	
78	Huhe Jaran spring	-	0.0	112.9	58.9	65.5	50.0	13.9	98.4	9.3	8.3
79	Bilutu	-	66,739.6	3,307.8			15.8	119,193.4	0.6	12,051.4	
80	Nuoertu (North)	1,219.0	19,521.7	0.0	30,333.0	12,027.2	6.7	33,061.0	114.0	3,040.8	
80A	Nuoertu (North)	-	21,619.1	1,230.2	40,849.6	17,156.2	16.5	35,911.5	0.6	3,122.0	
81	Nuoertu (North)	-	20,328.4	2,802.1	19,050.2	7,666.1	6.4	32,992.9	108.8	2,957.7	
81A	Nuoertu (North)	-	20,005.7	2,132.3	16,456.2	7,028.4	6.5	32,398.6	109.5	2,961.3	
81B	Nuoertu (North)	-	20,812.4	2,296.4	20,342.0	7,918.5	6.7	32,669.3	109.1	3,036.7	
82	Nuoertu (North)	-	21,350.2	2,460.4	65,539.1	32,042.0	16.3	36,713.8	0.6	3,126.2	
83	Nuoertu (North)	-	20,597.3	2,323.7			16.3	35,478.1	0.6	3,033.1	
84	Wutongta	-	6,292.1	1,038.8							
85	Tgt	-	0.0	313.0			42.2	632.9	40.5	36.2	
Rain 01	Collected by Badain Jaran Lake (27/06/05)	-	0.0	58.4							
Rain 02	Collected by Badain Jaran Lake (27/06/05)	-	0.0	35.0							
Rain 03	Collected by Badain Jaran Lake (27/06/05)	-	0.0	31.1							
Rain 04	Collected by Nuoertu (North) (01/07/05)	-	0.0	58.4							